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Permit No. WA-003141-1  
Issuance Date: April 19, 2006  
Effective Date: May 19, 2006  
Expiration Date: April 19, 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WASTE DISCHARGE PERMIT No. WA-003141-1

State of Washington  
DEPARTMENT OF ECOLOGY  
Northwest Regional Office  
3190 160<sup>th</sup> Avenue SE  
Bellevue, WA 98008-5452

In compliance with the provisions of  
The State of Washington Water Pollution Control Law  
Chapter 90.48 Revised Code of Washington  
and  
The Federal Water Pollution Control Act  
(The Clean Water Act)  
Title 33 United States Code, Section 1251 et seq.

**Dakota Creek Industries, Inc.**  
**820 4<sup>th</sup> Street**  
**Anacortes, WA 98221**

Facility Location:  
820 4<sup>th</sup> Street  
Anacortes, WA 98221

Receiving Water:  
Guemes Channel  
Class A Marine Water

Water Body I.D. No.:  
WA-03-0020

Discharge Location:  
Storm Water Outfall 1 (001) at "L" Dock  
Latitude: 48° 31.315' N  
Longitude: 122° 36.634' W

Industry Type:  
Ship Building and Repairing

Dry Dock (002)  
Latitude: 48° 31.38' N  
Longitude: 122° 36.69' W

is authorized to discharge in accordance with the Special and General Conditions which follow.

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Kevin C. Fitzpatrick  
Water Quality Section Manager  
Northwest Regional Office  
Washington State Department of Ecology

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### SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A	Discharge Monitoring Report	Monthly	July 15, 2006
S3.E	Noncompliance Notification	As necessary	
S4.	Effluent Mixing Study Plan	Once	15 months after Department approval of the Sampling and Quality Assurance Plan
S4.	Effluent Mixing Report	Once	120 days after Department approval of the study plan
S5.	Receiving Water Study Plan	Once	August 1, 2006
S5.	Receiving Water Study Results	Once	15 months after Department approval of the Sampling and Quality Assurance Plan
S7.	Engineering Report for Stormwater Treatment	Once	July 1, 2008
S8.	Spill Plan	1/permit cycle, updates submitted as necessary	August 1, 2006
S11.	Submission of Previously Evaluated Surface Sediment Data	1/permit cycle	October 1, 2006
G1.	Notice of Change in Authorization	As necessary	
G4.	Permit Application for Substantive Changes to the Discharge	As necessary	
G5.	Engineering Report for Construction or Modification Activities	As necessary	
G7.	Application for Permit Renewal	1/permit cycle	October 19, 2010
G8.	Notice of Permit Transfer	As necessary	
G21.	Notice of Planned Changes	As necessary	
G22.	Reporting Anticipated Noncompliance	As necessary	

## **SPECIAL CONDITIONS**

### **S1. DISCHARGE LIMITATIONS**

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit.

The discharge of any of the following pollutants more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit.

Beginning on the effective date of this permit and lasting through the expiration date, the Permittee is authorized to discharge industrial stormwater, drydock flood water at the permitted location subject to complying with the following limitations:

#### **A. Process Wastewater Discharges**

- The direct discharge of hydroblast or pressure wash wastewater to Guemes Channel is prohibited.
- The direct discharge of bilge water, hydraulic fluid, and oily wastes to waters of the state is prohibited.
- Ballast water shall not be discharged directly onto the floors of a drydock and then discharged directly to state surface waters.
- The direct discharge of gray water (including discharges from any ship's galley or shower while at dockside) to waters of the state is prohibited.
- Ship sanitary wastes shall not be discharged directly to waters of the state. Owners of vessels under repair shall be notified in writing by the Permittee that federal and state regulations prohibit the discharge of sewage and gray water into the waterways. If untreated sanitary wastes from vessels must be discharged, the discharge shall be to either the sanitary sewer or into holding tanks that are periodically emptied into a sanitary sewer system. The Permittee will make available at all times a list of contractors providing disposal services and any other alternatives available for complying with these regulations, such as holding tanks and pump-out facilities.
- The discharge of solvents to waters of the state is prohibited.
- No wastewater shall be discharged to waters of the state from a maintenance shop including but not limited to the Machine Shops, Paint Shop, Joiner Shop, and Steel Fabrication Shop.

B. Interim Effluent Limitations

Stormwater discharges shall not cause a visible change in turbidity, color, or cause visible oil sheen in the receiving water.

<b>INTERIM EFFLUENT LIMITATIONS FEBRUARY 3, 2006 TO MARCH 1, 2010: OUTFALL 001 STORMWATER DISCHARGES</b>	
<b>Parameter<sup>1</sup></b>	<b>Maximum Daily<sup>a</sup></b>
Oil and Grease	5 mg/L
Oil and Grease	No Visible Sheen
Turbidity	608 NTU
Total Recoverable Copper	6.16 mg/L
Total Recoverable Nickel	0.096 mg/L
Total Recoverable Zinc	10.20 mg/L
<sup>a</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge. <sup>b</sup> If background turbidity is greater than 50 NTU, the turbidity of the stormwater shall not exceed a 5% increase over background.	

- <sup>1)</sup> The MDL for oil and grease is 0.2 mg/L using trichlorotrifluoroethane extraction and gravimetric analysis using EPA Method 413.1. The quantitation level (QL) for oil and grease is 1.0 mg/L (5 x MDL). An equivalent method is Method 1664 using normal hexane (n-hexane) as the extraction solvent in place of 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113; Freon-113). An equivalent method is total petroleum hydrocarbons with an MDL of 0.1 mg/L using Gas Chromatography and Flame Ionization Detector (FID) and Method WTPH-Dx Diesel (WTPH-D) from the Washington State Department of Ecology Method WTPH-D. The quantitation level (QL) for TPH-Dx is 0.5 mg/L (5 x MDL).

The method detection level (MDL) for copper is 1 µg/L using graphite furnace atomic absorption spectrometry and EPA Method Number 220.2 from 40 CFR Part 136. The quantitation level (QL) for copper is 5 µg/L (5 x MDL).

The MDL for nickel is 1 µg/L using graphite furnace atomic absorption spectrometry and EPA Method Number 249.2 from 40 CFR Part 136. The quantitation level (QL) for lead is 5 µg/L (5 x MDL).

The MDL for zinc is 2 µg/L using inductively coupled plasma and EPA Method Number 200.7 from 40 CFR Part 136. The quantitation level (QL) for zinc is 10 µg/L (5 x MDL).

The MDL for turbidity is 1 NTU using a turbidimeter and EPA Method Number 180.1 from 40 CFR Part 136 or Standard Methods for the Examination of Water and Wastewater, 18<sup>th</sup> Edition, 2130. A grab sample shall be analyzed by a laboratory accredited under the provisions of Accreditation of Environmental Laboratories, Chapter 173-50 WAC.

C. Final Stormwater Effluent Limitations

Beginning March 1, 2010, all industrial stormwater discharges shall meet surface water quality criteria for Guemes Channel, a Class A marine water of the state. Discharges from roof drains and administrative parking lots do not require authorization under this NPDES permit. This permit may be modified to grant a mixing zone and establish final stormwater effluent limitations at the point of discharge.

<b>FINAL EFFLUENT LIMITATIONS AFTER MARCH 1, 2010: OUTFALL 001 STORMWATER DISCHARGES</b>	
<b>Parameter<sup>1</sup></b>	<b>Maximum Daily<sup>a</sup></b>
Oil and Grease	5 mg/L
Oil and Grease	No Visible Sheen
<sup>a</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge.	

D. Drydock Receiving Water

Discharges from Drydock Outfall 002 during launch shall not cause a visible change in turbidity, color, or cause a visible sheen to the receiving water.

<b>EFFLUENT LIMITATIONS: DRYDOCK OUTFALL 002 RECEIVING WATER</b>	
<b>Parameter<sup>1</sup></b>	<b>Maximum Daily<sup>a</sup></b>
Oil and Grease	5 mg/L
Oil and Grease	No visible sheen
<sup>a</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge.	

<sup>1)</sup> The MDL for oil and grease is 0.2 mg/L using trichlorotrifluoroethane extraction and gravimetric analysis using EPA Method 413.1. The quantitation level (QL) for oil and grease is 1.0 mg/L (5 x MDL). An equivalent method is Method 1664 using normal hexane (n-hexane) as the extraction solvent in place of 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113; Freon-113). An equivalent method is total petroleum hydrocarbons with a MDL of 0.1 mg/L using Gas Chromatography and Flame Ionization Detector (FID) and Method WTPH-Dx Diesel (WTPH-D) from the Washington State Department of Ecology Method WTPH-D. The quantitation level (QL) for TPH-Dx is 0.5 mg/L (5 x MDL).

E. Hydroblast Wastewater, Pressure Wash Wastewater, and Industrial Stormwater Discharges to the Municipal Sewer System

During the period beginning on the effective date and lasting through the expiration date of this permit, the Permittee is authorized to discharge hydroblast wastewater, pressure wash wastewater, and industrial stormwater to the city of Anacortes Wastewater Treatment Facility sewer system subject to the following limitations:

<b>EFFLUENT LIMITATIONS: OUTFALL 003 HYDROBLAST AND STORMWATER DISCHARGES TO SANITARY SEWER</b>	
<b>Parameter</b>	<b>Maximum Daily<sup>a</sup></b>
Flow	Determined by City of Anacortes
Total Recoverable Copper	2.4 mg/L
Total Recoverable Lead	1.2 mg/L
Total Recoverable Zinc	3.3 mg/L
<sup>a</sup> The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day.	

## S2. MONITORING REQUIREMENTS

A. Stormwater Outfall 001

The Permittee shall monitor the outfall discharges according to the following schedule:

<b>Parameter</b>	<b>Units</b>	<b>Sample Point<sup>1</sup></b>	<b>Minimum Sampling Frequency</b>	<b>Sample Type</b>
Total Recoverable Copper	mg/L	Outfall 001	Twice per month	Grab
Total Recoverable Nickel	mg/L	Outfall 001	Twice per month	Grab
Total Recoverable Zinc	mg/L	Outfall 001	Twice per month	Grab
Turbidity	NTU	Outfall 001	Twice per month	Grab
Background Turbidity	NTU	Background <sup>2</sup>	Twice per month	Grab
Oil and Grease	mg/L	Outfall 001	Twice per month	Grab

<sup>1</sup> Samples shall be collected from the outfall or an on-line stormwater drain access point nearest the outfall terminus.

<sup>2</sup> Background turbidity samples shall be taken in Guemes Channel at a point upstream which is representative of the water quality prior to any discharge from the shipyard and shall be representative of the background turbidity at the time the stormwater sample is taken.



B. Drydock Outfall 002

Category	Parameter	Units	Sample Point <sup>1</sup>	Minimum Sampling Frequency	Sample Type
Drydock Receiving Water	Oil and Grease	mg/l	Drydock	Quarterly	Grab
Drydock Receiving Water	Visible Sheen		Drydock	Each Launch	Visual Observation <sup>2</sup>

<sup>1)</sup> Grab samples shall be collected from the outboard apron area of the drydocks after the initial submergence following hull repair activities and when there is at least three feet and less than six feet of water over the floor apron. Samples will be considered invalid if taken after the 6-foot water level is reached. If no undockings occur in a given quarter, this shall be clearly stated on the Discharge Monitoring Report.

<sup>2)</sup> A file containing a log of observations for visible sheen shall be maintained. The log will identify when observations are not possible due to night launches.

C. Hydroblast Wastewater, Pressure Wash Wastewater, and Industrial Stormwater Discharges to the Municipal Sewer System

Parameter	Units	Sample Point	Minimum Sampling Frequency	Sample Type
Flow	Gallons per day	Point of discharge to sanitary sewer	Continuous	Meter
Total Recoverable Copper	mg/L	Point of discharge to sanitary sewer	Quarterly	Grab
Total Recoverable Lead	mg/L	Point of discharge to sanitary sewer	"	Grab
Total Recoverable Zinc	mg/L	Point of discharge to sanitary sewer	"	Grab

D. Sampling and Analytical Procedures

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

E. Laboratory Accreditation

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, conductivity, pH, turbidity, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. The Department exempts crops, soils, and hazardous waste data from this requirement pending accreditation of laboratories for analysis of these media.

**S3. REPORTING AND RECORD KEEPING REQUIREMENTS**

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

A. Reporting

The first monitoring period begins on the effective date of the permit. Monitoring results shall be submitted monthly. Monitoring data obtained during each monitoring period shall be summarized, reported, and submitted on a Discharge Monitoring Report (DMR) form provided, or otherwise approved, by the Department. DMR forms shall be received no later than the 15<sup>th</sup> day of the month following the completed monitoring period, unless otherwise specified in this permit. The report(s) shall be sent to the Department of Ecology, Northwest Regional Office, 3190 - 160<sup>th</sup> Avenue SE, Bellevue, WA 98008-5452 ATTN: Chris Smith.

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results.

B. Records Retention

The Permittee shall retain records of all monitoring information for a minimum of three years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

C. Recording of Results

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling or measurement; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) the individual who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

D. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Condition S2 of this permit, then the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's DMR.

E. Noncompliance Notification

In the event the Permittee is unable to comply with any of the terms and conditions of this permit due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and clean up unauthorized discharges or otherwise stop the noncompliance, correct the problem and, if applicable, repeat sampling and analysis of any noncompliance immediately and submit the results to the Department within 30 days after becoming aware of the violation.
2. Immediately notify the Department of the failure to comply.
3. Submit a detailed, written report to the Department within 30 days (five days for upsets and bypasses), unless requested earlier by the Department. The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

**S4. STORMWATER MIXING STUDY**

A. General Requirements

The Permittee shall determine the degree of stormwater and receiving water mixing which occurs within the mixing zone. The degree of mixing shall be determined during critical conditions, as defined in WAC 173-201A-020 Definitions - "Critical Condition," or as close to critical conditions as reasonably possible.

The degree of mixing shall be determined during critical receiving water conditions by using the stormwater flow rate generated by the two-year, 72-hour storm event. For the acute analyses use the peak one-hour flow. For the chronic analyses use an estimate of the average run-off.

The critical condition scenarios shall be established in accordance with *Guidance for Conducting Mixing Zone Analyses* (Ecology, 1996). The dilution ratio shall be measured in the field with dye using study protocols specified in the *Guidance*, Section 5.0 “Conducting a Dye Study,” as well as other protocols listed in subpart C Protocols. The use of mixing models is an acceptable alternative or adjunct to a dye study if the critical ambient conditions necessary for model input are known or will be established with field studies; and if the diffuser is visually inspected for integrity or has been recently tested for performance by the use of tracers. The *Guidance* mentioned above shall be consulted when choosing the appropriate model. The use of models is also required if critical condition scenarios that need to be examined are quite different from the set of conditions present during the dye study.

Validation (and possibly calibration) of a model may be necessary and shall be done in accordance with the *Guidance* mentioned above, in particular, Subsection 5.2 “Quantify Dilution.” The resultant dilution ratios for acute and chronic boundaries shall be applied in accordance with directions found in Ecology’s *Permit Writer’s Manual* (Ecology publication 92-109, most current version), in particular, Chapter VI.

A Plan of Study shall be submitted to the Department for review no later than 15 months after approval of the Receiving Water Sampling and Quality Assurance Plan. Existing information from other nearby studies may be used if appropriate. The submittal date may be revised by permit modification based on the Pier 1 Redevelopment Project.

**B. Reporting Requirements**

If the Permittee has information on the background physical conditions or background concentration of chemical substances (for which there are criteria in Chapter 173-201A WAC) in the receiving water, this information shall be submitted to the Department as part of the Effluent Mixing Report.

The results of the stormwater mixing study shall be included in the Stormwater Mixing Report, which shall be submitted to the Department for approval no later than 120 days after the Department approves the Mixing Zone Plan of Study.

If the results of the mixing study, toxicity tests, and chemical analysis indicate that the concentration of any pollutant(s) exceeds or has a reasonable potential to exceed the state water quality standards, Chapter 173-201A WAC, the Department may issue a regulatory order to require a reduction of pollutants or modify this permit to impose effluent limitations to meet the water quality standards.

The Permittee shall use some method of fixing and reporting the location of the outfall and mixing zone boundaries [i.e., triangulation off the shore, microwave navigation system, or using Loran or Global Positioning System (GPS) coordinates]. The method of fixing station location and the actual station locations shall be identified in the report.

C. Protocols

The Permittee shall determine the dilution ratio using protocols outlined in the following references, approved modifications thereof, or by another method approved by the Department:

- Akar, P.J. and G.H. Jirka, *Cormix2: An Expert System for Hydrodynamic Mixing Zone Analysis of Conventional and Toxic Multiport Diffuser Discharges*, USEPA Environmental Research Laboratory, Athens, GA, Draft, July 1990.
- Baumgartner, D.J., W.E. Frick, P.J.W. Roberts, and C.A. Bodeen, *Dilution Models for Effluent Discharges*, USEPA, Pacific Ecosystems Branch, Newport, OR, 1993.
- Doneker, R.L. and G.H. Jirka, *Cormix1: An Expert System for Hydrodynamic Mixing Zone Analysis of Conventional and Toxic Submerged Single Port Discharges*, USEPA, Environmental Research Laboratory, Athens, GA, EPA/600-3-90/012, 1990.
- Ecology, *Permit Writer's Manual*, Water Quality Program, Department of Ecology, Olympia, WA 98504, July 1994, including most current addenda.
- Ecology, *Guidance for Conducting Mixing Zone Analyses, Permit Writer's Manual*, (Appendix 6.1), Water Quality Program, Department of Ecology, Olympia, WA 98504, October 1996.
- Kilpatrick, F.A., and E.D. Cobb, Measurement of Discharge Using Tracers, Chapter A16, *Techniques of Water-Resources Investigations of the USGS, Book 3, Application of Hydraulics*, USGS, U.S. Department of the Interior, Reston, VA, 1985.
- Wilson, J.F., E.D. Cobb, and F.A. Kilpatrick, Fluorometric Procedures for Dye Tracing, Chapter A12, *Techniques of Water-Resources Investigations of the USGS, Book 3, Application of Hydraulics*, USGS, U.S. Department of the Interior, Reston, VA, 1986.

**S5. RECEIVING WATER STUDY**

The Permittee shall collect receiving water information necessary to determine if the effluent has a reasonable potential to cause a violation of the water quality standards. If reasonable potential exists, the Department will use this information to calculate effluent limits. All sampling and analysis shall be conducted in accordance with the guidelines given in *Guidelines and Specifications for Preparing Quality Assurance Project Plans*, Ecology Publication 91-16. The Permittee shall submit a sampling and quality assurance plan for Department review and approval no later than August 1, 2006.

The Permittee shall sample and analyze the receiving water for turbidity. The following metals shall be analyzed for both total recoverable and dissolved: zinc, copper and nickel. The time of sampling shall be as close as possible to the time of critical period. The Permittee shall follow the clean sampling techniques (*Method 1669: Sampling Ambient Water for Trace Metals at EPA Water Quality Criteria Levels*, EPA Publication No. 821-R-95-034, April 1995). The sampling station accuracy requirements are  $\pm 20$  meters. The receiving water sampling location should be outside the zone of influence of the effluent. The Department considers ten receiving water samples to be the optimal data set and four to be the minimum, for determining reasonable potential to cause a violation of the water quality standards. All chemical analysis shall be conducted according to methods given in 40 CFR 136 and shall have the following detection levels:

<b>POLLUTANT PARAMETER</b>	<b>DETECTION LIMIT REQUIRED</b>
Copper	1.0 µg/L
Nickel	1.0 µg/L
Zinc	4.0 µg/L

Any subsequent sampling and analysis shall also meet these requirements. The Permittee may conduct a cooperative receiving water study with other NPDES Permittees discharging in the same vicinity. Existing information from other nearby studies may be used, if appropriate. The Permittee shall submit the results of the study to the Department no later than 15 months after approval of the Sampling and Quality Assurance Plan. The submittal date may be revised by permit modification based on the Pier 1 Redevelopment Project.

## **S6. OPERATION AND MAINTENANCE**

### **A. Proper Operation**

The Permittee shall, at all times, properly operate and maintain all facilities or systems of treatment and control (and related appurtenances) which are installed to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems, which are installed by a Permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

### **B. Bypass Procedures**

Bypass, which is the intentional diversion of waste streams from any portion of a treatment facility, is prohibited, and the Department may take enforcement action against a Permittee for bypass unless one of the following circumstances (1, 2, or 3) is applicable.

1. Bypass for Essential Maintenance Without the Potential to Cause Violation of Permit Limits or Conditions.

Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of this permit, or adversely impact public health as determined by the Department prior to the bypass. The Permittee shall submit prior notice, if possible, at least ten days before the date of the bypass.

2. Bypass Which is Unavoidable, Unanticipated, and Results in Noncompliance of this Permit.

This bypass is permitted only if:

Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment downtime (but not if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance), or transport of untreated wastes to another treatment facility.

The Department is properly notified of the bypass as required in Condition S3.E of this permit.

3. Bypass Which is Anticipated and Has the Potential to Result in Noncompliance of this Permit.

The Permittee shall notify the Department at least 30 days before the planned date of bypass. The notice shall contain: (1) a description of the bypass and its cause; (2) an analysis of all known alternatives which would eliminate, reduce, or mitigate the need for bypassing; (3) a cost-effectiveness analysis of alternatives including comparative resource damage assessment; (4) the minimum and maximum duration of bypass under each alternative; (5) a recommendation as to the preferred alternative for conducting the bypass; (6) the projected date of bypass initiation; (7) a statement of compliance with SEPA; (8) a request for modification of water quality standards as provided for in WAC 173-201A-110, if an exceedance of any water quality standard is anticipated; and (9) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass.

For probable construction bypasses, the need to bypass is to be identified as early in the planning process as possible. The analysis required above shall be considered during preparation of the engineering report or facilities plan and plans and specifications and shall be included to the extent practical. In cases where the probable need to bypass is determined early, continued analysis is necessary up to and including the construction period in an effort to minimize or eliminate the bypass.

The Department will consider the following prior to issuing an administrative order for this type of bypass:

- . If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of this permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to bypass will be by administrative order issued by the Department under RCW 90.48.120.

#### C. Duty to Mitigate

The Permittee is required to take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

### **S7. ENGINEERING REPORT FOR STORMWATER TREATMENT**

No later than July 1, 2008, two copies of an approvable engineering report for the design of the stormwater treatment system shall be prepared by the Permittee in accordance with WAC 173-240 and submitted to the Department for review and approval. Any diversion channel, detention facility, impoundment, or other BMP constructed at the site for routing of stormwater shall be designed, constructed, and maintained to contain all flows except when precipitation exceeds the ten-year, 24-hour precipitation event with a probable reoccurrence interval of once in ten years. The submittal date may be revised by permit modification based on progress of the Pier 1 Redevelopment Project.



## **S8. BEST MANAGEMENT PRACTICES**

### **A. Control of Large Solid Materials**

Floatable and low density waste, such as wood, plastic, and miscellaneous trash, such as paper, insulation, and packaging, shall be removed from the drydock floors prior to flooding.

### **B. Control and Cleanup of Paint Dust and Abrasive Blasting Debris**

Dust and overspray shall be confined to the shipyard repair and construction areas to the maximum extent feasible during abrasive blasting and spray painting of vessels and modules. Feasible methods of control include conducting the work in a sandblast/spray paint shed or installing plastic barriers around the vessel. Plastic barriers hung from the vessel or temporary structures around the vessel should be secure and arranged to prevent the fugitive emissions of abrasive grit and dust, as well as effectively capture overspray from spray painting activities. The bottom edge of tarpaulins and plastic sheeting shall be weighted or fastened to remain in place during windy conditions.

Consideration shall also be given to other feasible innovative procedures, as appropriate, to improve the effectiveness of controlling dust emissions and paint overspray. Such innovative methods may include wet abrasive blasting (slurry blasting), product substitution for blasting media, e.g., sodium bicarbonate, or overall waste minimization and recycling, e.g., the use of vacuum return sandblasting heads or steel shot blast technology.

No abrasive blasting or spray painting of vessels shall be performed while vessels are docked pier-side such that material is discharged to the receiving water.

Cleanup of spent paint, paint chips, protective coating materials, and abrasive grit shall be undertaken as part of the repair or production activities, to the extent maximally feasible, as to prevent their entry into state waters.

Vessels shall be set on the drydock ways to afford accessibility to the floor of the drydock beneath the vessel for collection of spent abrasive. The drydock shall be cleaned of spent sandblast grit and debris prior to launching a vessel. Cleaning may be accomplished by either manual or mechanical means.

The flooding and sinking of drydocks with standing piles of spent abrasive on the drydock floor is prohibited.

Photographs shall be taken and maintained in a logbook to demonstrate the condition of the drydock floor prior to launching every vessel. Documentation accompanying the photographs shall include the name of the vessel, the drydock number, the date the vessel was launched, the date the photograph was taken, and the name of the photographer. A videotape that documents the same information may be used in place of a photograph collection.

The yard shall be cleaned on a regular basis to minimize the possibility that stormwater runoff will carry sandblasting grit or other debris into the receiving water. Collected sandblasting debris shall be stored under cover in a designated area with the spent abrasive grit. Innovations and procedures which improve the effectiveness of cleanup operations shall be adopted where they are feasible, appropriate and can be demonstrated as preventing the discharge of solids to water.

C. In-Water Vessel Maintenance - Surface Preparation BMPs

The cleaning of any portion of a vessel's hull below the waterline while the vessel is afloat is prohibited.

The following types of surface preparation activities are allowed to be conducted on a vessel's hull above the waterline while it is at a permitted shipyard facility. These activities are only allowed provided that containment and collection BMP measures are in effect to prevent the introduction of dust, dirt, debris, or any other pollutants generated from these surface preparation operations from being deposited on or entering into waters of the state:

- Mechanical hand preparation, such as scraping or wire brushing
- Conventional mechanical grinding or use of other powered mechanical abrading tools
- Conventional abrasive blasting on the vessel's hull while it is in the water is prohibited.
- Innovative abrasive blasting systems or ultra-high water pressure systems for surface preparation will be allowed to be conducted on a vessel's hull while it is in the water provided that it has been demonstrated before-hand to Department of Ecology's satisfaction that such methods do not release generated pollutants into waters of the state.

In-Water Vessel Maintenance - Paint and Coating Application BMPs

The following methods of paint and coating applications to a vessel's hull while in the water at an NPDES permitted shipyard are allowed provided that all containment, collection, and spill prevention BMPs are in place before any such applications are made to a vessel's hull.

- Application by roller
- Application by brush
- Conventional spray-paint or spray-coating applications to a vessel's hull while that vessel is in the water are prohibited.

- Innovative spray-paint or spray-coating application methods will be allowed to be conducted on a vessel's hull while it is in the water provided that it has been demonstrated before-hand to Department of Ecology's satisfaction that such methods do not release generated pollutants into waters of the state.

#### BMPs for Floats Used for In-Water Vessel Maintenance

Floats are defined as free-floating, unattached work platforms capable of moving back and forth along the length of the ship and around its hull.

Floats shall at all times maintain a minimum of 1" of freeboard at the floats lowest point during all phases of maintenance operations. The minimum 1" freeboard requirement must be maintained with all scaffolding configurations and number of persons on board the float. All necessary precautions will be taken by personnel on board the float to prevent paints, cleaning materials, petroleum products, all other liquids and unsecured materials from entering into the water from the float.

Any container of paint, marine coating or any other liquid product for painting or surface preparation of one gallon or greater must be provided with secondary containment when used on board a float. All roller pans used on a float must be provided with secondary spill containment. Secondary spill containment capacity is equal to the entire volume of the container plus 10% of the volume of that same container.

#### Documentation Requirements for In-Water Vessel Maintenance BMPs

Documentation requirements will be in effect for any in-water surface preparation operations of one hour or more in duration and any in-water coating or painting operation involving 1/2 gallon or more of paint or marine coating.

Documentation requirements will consist, at a minimum, of one or more representative photographs of all in-water vessel maintenance BMPs which are implemented for surface preparation operations and all painting and coating operations. All such photographs shall be dated and maintained in a logbook with all necessary descriptive narrative of the in-water vessel maintenance BMPs being documented. These records shall be made available to a Department of Ecology inspector upon request and will be retained on site for at least three years.

#### D. Oil, Grease, Paint, and Fuel Spills Prevention and Containment

No discharge of oil, other hazardous material, or paint to state waters is allowed, except as specifically authorized by this permit. Oil, grease, fuel, or paint spills shall be prevented from reaching drainage systems or surface waters. Cleanup shall be carried out promptly after an oil, grease, fuel, or paint spill is detected. Oil containment booms and absorbents shall be conveniently stored so as to be immediately deployable in the event of a spill. All yard personnel that may participate in cleanup of spills shall be trained in the use and deployment of cleanup equipment.

In the event of an accidental discharge of oil or hazardous material into waters of the state or onto land with a potential for entry into state waters, the Department's Northwest Regional Office Spill Response Section and the United States Coast Guard shall be notified immediately.

1. Cleanup efforts shall commence immediately and be completed as soon as possible, taking precedence over normal work, and shall include proper disposal of spilled material and used cleanup material.
2. Cleanup of oil or hazardous material spills shall be in accordance with an approved spill control plan or according to specific instructions of an on-scene coordinator.
3. No emulsifiers or dispersants are to be used in or upon the waters of the state without prior approval from the Director of the Department of Ecology. Drip pans or other protective devices shall be required for all oil transfer operations to catch incidental spills and drips from hose nozzles, hose racks, drums, or barrels. Oils and fuel storage tanks shall be provided with secondary containment.

E. Paint and Solvent Use and Containment

The mixing of paints and solvents shall be carried out in locations and under conditions such that no spill shall enter state waters.

1. Drip pans or other protective devices shall be required for all paint mixing and solvent transfer operations, unless the mixing operation is carried out in covered and controlled areas away from storm drains, surface waters, shorelines, and piers. Drip pans, drop cloths, or tarpaulins shall be used wherever paints and solvents are mixed on wood docks. Paints and solvents shall not be mixed on floats.
2. Paint and solvent spills shall be treated as oil spills and shall be prevented from reaching storm drains and subsequent discharge into the water.

F. Contact Between Water and Debris

Shipboard cooling and noncontact cooling water shall be directed as to minimize contact with spent abrasives, paint chips, and other debris. Contact between spent abrasives or paint chips and water will be reduced by proper segregation and control of wastewater streams. Appropriate methods shall be incorporated to prevent accumulation of debris in drainage systems and debris shall be promptly removed to prevent its discharge with stormwater.

G. Maintenance of Hoses, Soil Chutes, and Piping

Leaking connections, valves, pipes, hoses, and soil chutes carrying either water or wastewater shall be replaced or repaired immediately. Soil chute and hose connections to vessels and to receiving lines or containers shall be tightly connected and as leak free as practicable.

H. Chemical Storage

Solid chemicals, chemical solutions, paints, oils, solvents, acids, caustic solutions, and waste materials, including used batteries, shall be stored in a manner which will prevent the inadvertent entry of these materials into waters of the state, including ground water. Storage shall be in a manner that will prevent spills due to overfilling, tipping, or rupture. In addition, the following practices shall be used:

1. All liquid products shall be stored on durable impervious surfaces and within bermed containment capable of containing 110% of the largest single container in the storage area.
2. Waste liquids shall be stored under cover, such as tarpaulins or roofed structures. All waste storage areas, whether for waste oil or hazardous waste, shall be clearly designated as such and kept segregated from new product storage.
3. Incompatible or reactive materials shall be segregated and securely stored in separate containment areas that would prevent the inadvertent mixing and reaction of spilled chemicals.
4. Concentrated waste or spilled chemicals shall be transported off-site for disposal at a facility approved by the Department of Ecology or appropriate county health authority in accordance with the solid waste disposal requirements of Special Condition S6. These materials shall not be discharged to any sewer or state waters.

I. Recycling of Spilled Chemicals and Rinse Water

Any intercepted chemical spill shall be recycled back to the appropriate chemical solution tank or cleaned up and disposed of properly. The spilled material must be handled, recycled, or disposed of in such a manner as to prevent its discharge into state waters.

J. Education of Employees, Contractors, and Customers

To facilitate the consistent and effective implementation of the BMPs described above, the Permittee shall develop a program for training its employees, and all contractors who work at the facility, on BMPs and the environmental concerns related to this permit. There are a variety of ways to accomplish this, and the Permittee should determine the method that works best for the company. For example, regular safety meetings may be a convenient time to discuss BMP implementation successes or problems and get input on better ways of accomplishing pollution prevention. The Permittee may consider providing similar information to its customers.

## **S9. SOLID WASTE DISPOSAL**

### **A. Solid Waste Handling**

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into state ground or surface water.

### **B. Leachate**

The Permittee shall not allow leachate from its solid waste material to enter state waters without providing all known available and reasonable methods of treatment, nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to state ground or surface waters.

## **S10. SPILL PLAN**

The Permittee shall by August 1, 2006, submit to the Department an update to the existing Spill Control Plan.

## **S11. SEDIMENT MONITORING (MARINE)**

The Permittee shall submit previously evaluated surface sediment (0-10 cm) data by October 1, 2006, in current SEDQUAL format and hard copy Data Report(s) meeting the requirements of the SAPA – *Sediment Sampling and Analysis Plan Appendix*, revised April 2003 (URL: <http://www.ecy.wa.gov/biblio/0309043.html>).

Sediment sampling data shall also be submitted to Ecology in hard copy reports containing data tables in both dry weight and total organic carbon normalized units in comparison to applicable state regulatory criteria. Electronic SEDQUAL template data shall be submitted to Ecology simultaneously with the hard copy report.

Sediment sampling data for all fields listed in the current version of SEDQUAL shall be submitted to Ecology electronically in SEDQUAL data entry templates including, but not limited to REFERENCE, SURVEY, STATION, SAMPLE, CHEMISTRY, BIOASSAY and BIOASSAY CONTROL. Station locations should include latitude/longitude coordinates in Washington State Plane, South Zone, NAD 83 HARN, units feet and chemical concentration data should be reported in dry weight units.

Electronic SEDQUAL template data must be verified to be compatible with the current version of SEDQUAL, which uses ASCII protocol, comma delimited text files prior to delivery to Ecology. Verification shall be conducted by the consultant importing each of the data templates into their SEDQUAL database, correcting any errors, and then exporting the corrected final templates for delivery to Ecology.

## GENERAL CONDITIONS

### G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed and certified.

- A. All permit applications shall be signed by either a responsible corporate officer of at least the level of vice president of a corporation, a general partner of a partnership, or the proprietor of a sole proprietorship.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by a person described above and submitted to the Department.
  - 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- C. Changes to authorization. If an authorization under paragraph B.2 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph B.2 above must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

*“I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”*

## **G2. RIGHT OF INSPECTION AND ENTRY**

The Permittee shall allow an authorized representative of the Department, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit.
- B. To have access to and copy - at reasonable times and at reasonable cost - any records required to be kept under the terms and conditions of this permit.
- C. To inspect - at reasonable times - any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit.
- D. To sample or monitor - at reasonable times - any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.

## **G3. PERMIT ACTIONS**

This permit may be modified, revoked and reissued, or terminated either at the request of any interested person (including the Permittee) or upon the Department's initiative. However, the permit may only be modified, revoked and reissued, or terminated for the reasons specified in 40 CFR 122.62, 122.64 or WAC 173-220-150 according to the procedures of 40 CFR 124.5.

- A. The following are causes for terminating this permit during its term, or for denying a permit renewal application:
  - 1. Violation of any permit term or condition.
  - 2. Obtaining a permit by misrepresentation or failure to disclose all relevant facts.
  - 3. A material change in quantity or type of waste disposal.
  - 4. A determination that the permitted activity endangers human health or the environment or contributes to water quality standards violations and can only be regulated to acceptable levels by permit modification or termination [40 CFR Part 122.64(3)].
  - 5. A change in any condition that requires either a temporary or permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit [40 CFR Part 122.64(4)].
  - 6. Nonpayment of fees assessed pursuant to RCW 90.48.465.
  - 7. Failure or refusal of the Permittee to allow entry as required in RCW 90.48.090.



B. The following are causes for modification but not revocation and reissuance except when the Permittee requests or agrees:

1. A material change in the condition of the waters of the state.
2. New information not available at the time of permit issuance that would have justified the application of different permit conditions.
3. Material and substantial alterations or additions to the permitted facility or activities which occurred after this permit issuance.
4. Promulgation of new or amended standards or regulations having a direct bearing upon permit conditions, or requiring permit revision.
5. The Permittee has requested a modification based on other rationale meeting the criteria of 40 CFR Part 122.62.
6. The Department has determined that good cause exists for modification of a compliance schedule, and the modification will not violate statutory deadlines.
7. Incorporation of an approved local pretreatment program into a municipality's permit.

C. The following are causes for modification or alternatively revocation and reissuance:

1. Cause exists for termination for reasons listed in A1 through A7, of this section, and the Department determines that modification or revocation and reissuance is appropriate.
2. The Department has received notification of a proposed transfer of the permit. A permit may also be modified to reflect a transfer after the effective date of an automatic transfer (General Condition G8) but will not be revoked and reissued after the effective date of the transfer except upon the request of the new Permittee.

#### **G4. REPORTING PLANNED CHANGES**

The Permittee shall, as soon as possible, but no later than 60 days prior to the proposed changes, give notice to the Department of planned physical alterations or additions to the permitted facility, production increases, or process modification which will result in:

- 1) the permitted facility being determined to be a new source pursuant to 40 CFR 122.29(b);
- 2) a significant change in the nature or an increase in quantity of pollutants discharged; or
- 3) a significant change in the Permittee's sludge use or disposal practices. Following such notice, and the submittal of a new application or supplement to the existing application, along with required engineering plans and reports, this permit may be modified, or revoked and reissued pursuant to 40 CFR 122.62(a) to specify and limit any pollutants not previously limited. Until such modification is effective, any new or increased discharge in excess of permit limits or not specifically authorized by this permit constitutes a violation.

## **G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications shall be submitted at least 180 days prior to the planned start of construction unless a shorter time is approved by Ecology. Facilities shall be constructed and operated in accordance with the approved plans.

## **G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in this permit shall be construed as excusing the Permittee from compliance with any applicable federal, state, or local statutes, ordinances, or regulations.

## **G7. DUTY TO REAPPLY**

The Permittee shall apply for permit renewal at least 180 days prior to the specified expiration date of this permit.

## **G8. TRANSFER OF THIS PERMIT**

In the event of any change in control or ownership of facilities from which the authorized discharge emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Department.

### **A. Transfers by Modification**

Except as provided in paragraph B below, this permit may be transferred by the Permittee to a new owner or operator only if this permit has been modified or revoked and reissued under 40 CFR 122.62(b)(2), or a minor modification made under 40 CFR 122.63(d), to identify the new Permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

### **B. Automatic Transfers**

This permit may be automatically transferred to a new Permittee if:

1. The Permittee notifies the Department at least 30 days in advance of the proposed transfer date.
2. The notice includes a written agreement between the existing and new Permittee's containing a specific date transfer of permit responsibility, coverage, and liability between them.
3. The Department does not notify the existing Permittee and the proposed new Permittee of its intent to modify or revoke and reissue this permit. A modification under the subparagraph may also be minor modification under 40 CFR 122.63. If this notice is not received, the transfer is effective on the date specified in the written agreement.

#### **G9. REDUCED PRODUCTION FOR COMPLIANCE**

The Permittee, in order to maintain compliance with its permit, shall control production and/or all discharges upon reduction, loss, failure, or bypass of the treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

#### **G10. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to state waters.

#### **G11. DUTY TO PROVIDE INFORMATION**

The Permittee shall submit to the Department, within a reasonable time, all information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The Permittee shall also submit to the Department upon request, copies of records required to be kept by this permit.

#### **G12. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

#### **G13. ADDITIONAL MONITORING**

The Department may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

#### **G14. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by the Department.

#### **G15. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.

#### **G16. UPSET**

Definition – “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of the following paragraph are met.

A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that:

- 1) an upset occurred and that the Permittee can identify the cause(s) of the upset;
- 2) the permitted facility was being properly operated at the time of the upset;
- 3) the Permittee submitted notice of the upset as required in Condition S3.E; and
- 4) the Permittee complied with any remedial measures required under S5 of this permit.

In any enforcement proceeding the Permittee seeking to establish the occurrence of an upset has the burden of proof.

#### **G17. PROPERTY RIGHTS**

This permit does not convey any property rights of any sort, or any exclusive privilege.

#### **G18. DUTY TO COMPLY**

The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

#### **G19. TOXIC POLLUTANTS**

The Permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.

## **G20. PENALTIES FOR TAMPERING**

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this Condition, punishment shall be a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than four years, or by both.

## **G21. REPORTING ANTICIPATED NONCOMPLIANCE**

The Permittee shall give advance notice to the Department by submission of a new application or supplement thereto at least 180 days prior to commencement of such discharges, of any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility or activity which may result in noncompliance with permit limits or conditions. Any maintenance of facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during noncritical water quality periods and carried out in a manner approved by the Department.

## **G22. REPORTING OTHER INFORMATION**

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

## **G23. REPORTING REQUIREMENTS APPLICABLE TO EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL DISCHARGERS**

The Permittee belonging to the categories of existing manufacturing, commercial, mining, or silviculture must notify the Department as soon as they know or have reason to believe:

- A. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following “notification levels”:
  1. One hundred micrograms per liter (100 µg/l).
  2. Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
  3. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
  4. The level established by the Director in accordance with 40 CFR 122.44(f).

- B. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following “notification levels”:
1. Five hundred micrograms per liter (500 µg/L).
  2. One milligram per liter (1 mg/L) for antimony.
  3. Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
  4. The level established by the Director in accordance with 40 CFR 122.44(f).

#### **G24. COMPLIANCE SCHEDULES**

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.